Use Attainability Analysis

for

WBID 0721 Collier Creek

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

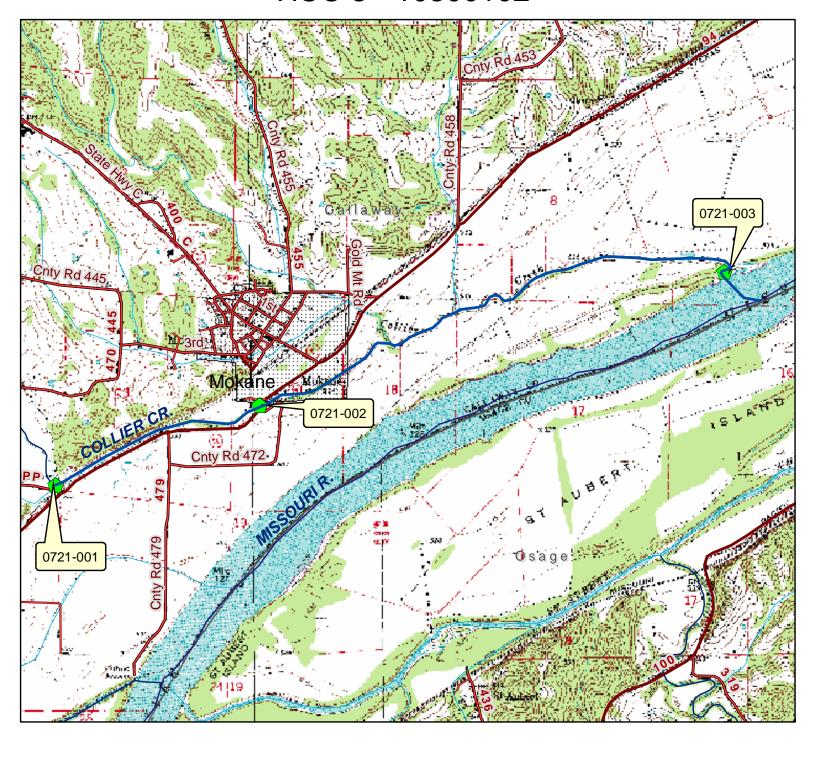
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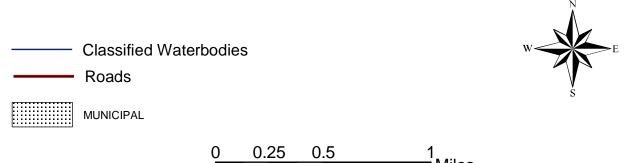
Field Data Sheets for Recreational Use Stream Surveys 2005 300, 12 AM 8: 69

Data Sheet A - Water Body Identification MAGR PROTECTION PROGRAM

Missouri WBID #;	
972/	
County: Callaum	
Upstream Legal Description:	
Downstream Legal Description:	
Upstream Coordinates: 38.66540 - 91.89115	5;tes 001 On
Downstream Coordinates: 38.67010 - 91.8746	7 002
Discharger Facility Name(s):	
Discharger Permit Number(s):	
Number of Sites Evaluated: a of 3	
Name of Surveyor and Telephone Number: R. Duchrow 573-751-66	623
Organization: Missouri Department of Natural Resources	
Position: Stream Biologist	

Collier Creek (C) #0721 Callaway County HUC 8 - 10300102





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

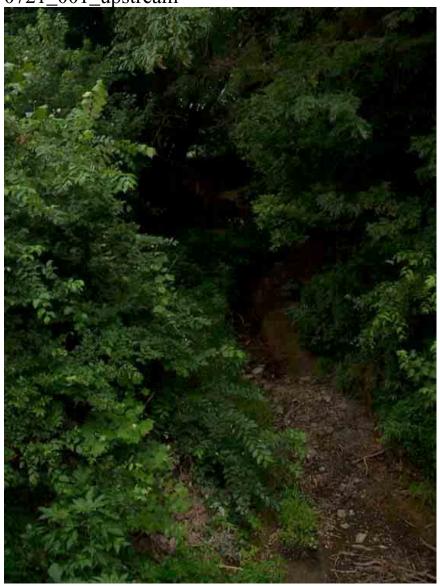
Missouri WBID#: 07	21-001		Site Location Des	scription:		
Site GPS Coordinates: 38.6640 -91.89115			KATY TEATL BRO HWY PP			
	ie: 7/11/09 1845 hez. Facility Name					
Personnel: R. Duchrow		 	Permit Number:			
Current Weather Conditi	ons: Chandura	/ W 3 W	Weather Condition	ons for Past 7 days: Cle		
Photo Ids: Upstream: \	Down		00-0014 Other			
<u>. \c</u>	30-2013	\'	00-00141			
ses Observed*:						
Swimming	Skin diving	□ so	CUBA diving	☐ Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking	□Во	oating	Wading	Rafting	
Hunting	Trapping	☐ Fi	shing	None of the above	Other:	
Describe: (include numb	et of mutylenais real		acticy of aso, photo-			
urrounding Condition				ses. Attach photos of evide		
urrounding Condition	ns*: (Mark all that p	romote or in				
urrounding Conditionems of interest.)	ns*: (Mark all that p	oromote or in	mpede recreational u	ses. Attach photos of evide	ence or unusual	
urrounding Condition	ns*: (Mark all that p	oromote or in	mpede recreational u conservation lands	ses. Attach photos of evide Urban areas Nature trails	campgrounds	
urrounding Conditionems of interest.) City/county parks Boating accesses	ns*: (Mark all that p Playgrounds State parks Fence	momote or in	mpede recreational u conservation lands	ses. Attach photos of evide Urban areas Nature trails	campgrounds	
urrounding Conditionems of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that p Playgrounds State parks Fence	momote or in MDC c Nations Steep s	mpede recreational u conservation lands	Ses. Attach photos of evide Urban areas Nature trails Other: Racal - C	Campgrounds Campgrounds Stairs/walkway Croples	
urrounding Conditioners of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that p Playgrounds State parks Fence	monte or in MDC company Nations Steep sonts	mpede recreational u conservation lands al forests lopes	ses. Attach photos of evide Urban areas Nature trails Other: Recal - 9	Campgrounds Stairs/walkway	

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

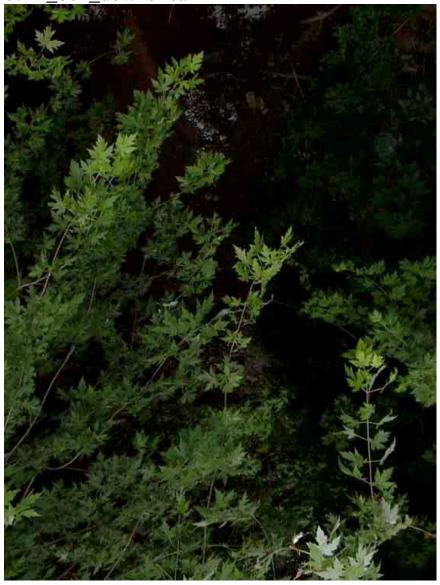
^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two – WBID #		Data Sheet B - S	Site Character	ization		
Stream Morphology: Upstream View P		sions:				
Riffle Width (ft): I	ength (ft):	Avg. Depth (ft):	Max. Depth (ft):	
Run Width (ft): I	ength (ft):	Avg, Depth (ft):	Max. Depth (ft):	
☑ Pool 🔏 Width (ft): 10' I	ength (ft):	Avg. Depth (ft): o.'T'	Max. Depth (ft):	ν'
Flow Present?	□ Yes ☑ N		Estimated (ft			
Downstream View	Physical Dim	ensions:				
Riffle Width (ft): I	ength (ft):	Avg. Depth (ft):	Max. Depth (ft):	
Run Width (ft): I	ength (ft):	Avg. Depth (ft):	Max. Depth (ft):	
Pool Width (ft): 15' I	ength (ft): 25	Avg. Depth (ft): \.5'	Max. Depth (ft):	1.8
Flow Present?	☐ Yes ☑ N	10	Estimated (ft			
Substrate*: (These va ac % Cobble Aquatic Vegetation*	% Gra	vel 60 %	Sand 100 NC growth at the asses	-	% Mud/Clay	% Bedrock
Water Characteristi		et apply				
Odor: [Sewage	Musky	Chemical	None	Other:	
Color: [♂ Clear	Green	Gray	Milky	Other:	
Bottom Deposit: [Sludge	Solids	Fine sediments	☑ None	Other:	
Surface Deposit: [Oil	Scum [Foam	None	Other:	
*This information is not to comprehensive understand decision on the recreation	o be used solely fo ling of water cond use analysis but r	or removal of a recre litions. Consequent may point to condition	eational use design ly, this information ons that need furth	ation but rather is n is not intended to er analysis or that	to provide a more o directly influence a effect another use.	
I, the undersigned, he datasheet is true and		to the best of my	v knowledge, tl	hat all informa	ition reported or	this UAA
Signed:	5		Date:	7/11/05		
Organization: Missou	ri Department	of Natural Resou	rces Position	: Stream Biolog	gist	

0721_001_upstream



0721_001_downstream



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 67	97-009		Site Location De	escription:	
Site GPS Coordinates:	38.67000 -91	. 58746 ^{CT}	मिक्स वन	BR	
Date & Time: -VVV			Facility Name:		
Personnel: R. Duchrow			Permit Number:	·····	
Current Weather Condit	tions: Claude w/ \	*3~"	Weather Conditi	ons for Past 7 days: Clc	h.0
Photo Ids: Upstream:	Dow.	netrasen:	Other		
•	<u> </u>		23°00(G)		
es Observed*:				- ,	
Swimming	Skin diving	□ sc	UBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	□Во	ating	Wading	Rafting
☐ Hunting	☐ Trapping	☐ Fis	shing	None of the above	Other:
Describe: (include num	ber of individuals recr	eating, frequ	ency of use, photo-	documentation of evidence	of recreational uses, etc.)
rrounding Conditio				documentation of evidence	
rrounding Conditions of interest.)	ns*: (Mark all that p	romote or im	ipede recreational i	ises. Attach photos of evide	ence or unusual
rrounding Conditions of interest.)	ns*: (Mark all that p	romote or im	npede recreational a	ises. Attach photos of evide	ence or unusual
rrounding Conditions of interest.) City/county parks Boating accesses	ns*: (Mark all that p	momote or im MDC co	npede recreational a conservation lands I forests	ises. Attach photos of evide	cince or unusual Campgrounds Stairs/walkway
rrounding Conditions of interest.)	ns*: (Mark all that p Playgrounds State parks Fence	romote or im	npede recreational a conservation lands I forests	Urban areas Nature trails Other: Rucal - C	ence or unusual
rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that p Playgrounds State parks Fence	momote or im MDC co National	npede recreational a conservation lands I forests	ises. Attach photos of evide	cince or unusual Campgrounds Stairs/walkway
rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that p Playgrounds State parks Fence	momote or im MDC co National Steep slo	npede recreational a onservation lands I forests opes	Urban areas Nature trails Other: Rucal - C	Campgrounds Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

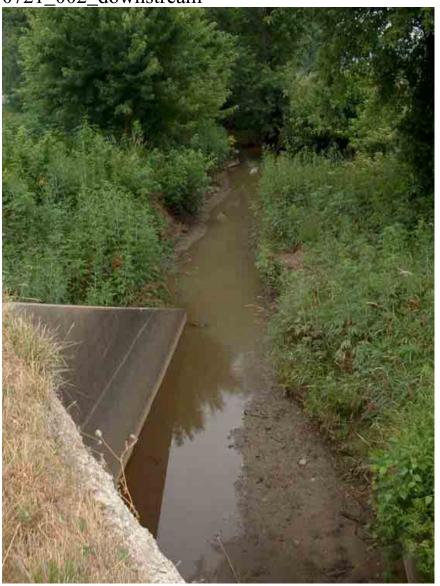
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Page Two - W	/BID #:	o⇔ Data She	et B - Site	Character	ization		
Stream Morp Upstream	hology: View Physical	Dimensions:					
Riffle	Width (ft):	Length (ft):		Avg. Depth (ft):	Max. Depth (ft):
Run	Width (ft):	Length (ft):		Avg. Depth (ft):	Max. Depth (ft):
☑ Pool	Width (ft): ج	Length (ft):		Avg. Depth (ft): <0.1	Max. Depth (ft): 0.1
Flow	Present? Ye	s 🖸 No		Estimated (ft	-		
<u>D</u> ownstrea:	m View Physic	cal Dimensions:					
Riffle	Width (ft):	Length (ft):	<u> </u>	Avg. Depth ((ft):	Max. Depth (ft):
Run	Width (ft):	Length (ft):		Avg. Depth ((ft):	Max. Depth (ft):
Pool	Width (ft):	Length (ft):	ক্তিওঁ	Avg. Depth ((ft): \(\frac{r}{r}\)	Max. Depth (ft): (.5'
☑ Flow 1	Present?	s No	-	Estimated (ft	3/sec):		
Aquatic Vege	Cobble tation*: (pote a	nld add up to 100%.) % Gravel S mount of vegetation a	% Sand		·	20% Mud/Clay	% Bedrock
water Chara		ark ail that apply.)					
Odor:	Sewag		ПСһ	emical	None	Other:	
Color:	Clear	Green	Gr		Milky	Other:	
Bottom Depo	osit: Sludg	e 🔲 Solids		e sediments	None	Other:	
Surface Dep	osit: Oil	Scum	☐ Fo	am	None	Other:	
*This information comprehensive up	n is not to be used aderstanding of w	ditional comment solely for removal o ater conditions. Con	of a recreation	nal use design	nation but rath	ner is to provide a mo	re ace a
		ysis but may point to affirm to the bes					
datasheet is ti			tormy KD	iowieuge, t	nat an mio	и паноп герогте	u on ans UAA
Signed:	29_	<u>.</u>		Date:	7/11/65	5	
Organization:	Missouri Depa	rtment of Natural	Resource	s Position	n: <u>Stream B</u>	<u>iologist</u>	

0721_002_upstream



0721_002_downstream



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#: 0721-003			Site Location Description:				
Site GPS Coordinates:			AT mounth				
Date & Time: 7/1/65 1930 Wrs			Facility Name:				
Personnel: R. Duchrow							
Current Weather Conditi	ions: Choudy	••-	Weather Condi	tions for Past 7 days:			
Photo Ids: Upstream:		stream:	Othe				
·					-		
es Observed*:							
Swimming	Skin diving	□ sc	UBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	Во	ating	Wading	Rafting		
Hunting	Trapping	☐ Fis.	hing	☐ None of the above	Other:		
NOT CESS 3 BLE LC	acone round	i K ^e	Protos				
	LAND COME TO LAND TO SEE TO SE			ngag Attach whoton of avide			
				uses. Attach photos of evide	ence or unusual		
rrounding Condition	ns*: (Mark all that pro	omote or im		uses. Attach photos of evide	ence or unusual		
rrounding Condition	ns*: (Mark all that pro	omote or im	pede recreational	- -			
rrounding Condition as of interest.) City/county parks	ns*: (Mark all that pro	omote or im	pede recreational inservation lands forests	☐ Urban areas	Campgrounds		
rrounding Condition as of interest.) City/county parks Boating accesses	ns*: (Mark all that pro	omote or im MDC co	pede recreational inservation lands forests	☐ Urban areas ☐ Nature trails	Campgrounds		
rrounding Condition as of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that pro	omote or im MDC co National	pede recreational inservation lands forests	☐ Urban areas ☐ Nature trails	Campgrounds Stairs/walkway		
rrounding Condition as of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that pro Playgrounds [State parks [Fence [omote or im MDC co National Steep slo	pede recreational inservation lands forests opes	☐ Urban areas ☐ Nature trails ☐ Other:	Campgrounds		

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Page Two – WBID		Data Sheet	B - Site Charact	erization		
Stream Morpholog Upstream View 1		ensions:				
☐ Riffle Width (ft):	Length (ft):	Avg. Dept	h (ft):	Max. Depth (ft):	
Run Width (ft):	Length (ft):	Avg. Dept	h (ft):	Max. Depth (ft):	
Pool Width (ft):	Length (ft):	Avg. Dept	h (ft):	Max. Depth (ft):	
Flow Present	Yes	No	Estimated	(ft³/sec):		
Downstream Vie	w Physical D	imensions:				
Riffle Width (Length (ft):	Avg. Dept	h (ft):	Max. Depth (ft):	
Run Width (ft):	Length (ft):	Avg. Dept	h (ft):	Max. Depth (ft):	
Pool Width (ft):	Length (ft):	Avg. Dept	h (ft):	Max. Depth (ft):	
Flow Present	Yes] No	Estimated	(ft ³ /sec):		,
			<u> </u>			
Substrate*: (These v		up to 100%.)	% Sand	% Silt	% Mud/Clay	% Bedrock
			70 Sand	70 0121	70 Hidd Oldy]	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Aquatic Vegetation Water Characteris			argar growen ar dio a	sessinen suoj	-	
Odor:	Sewage	mat apply.) Musky	Chemical	□ None	Other:	
Color:	Clear	Green	Gray	Milky	Other:	
Bottom Deposit:	Sludge	Solids	Fine sediment		Other:	
Surface Deposit:	Oil	☐ Scum	Foam	None	Other:	
*This information is not comprehensive understa decision on the recreation	to be used solely	for removal of a	a recreational use des quently, this informa	ignation but rathe	er is to provide a more	
I, the undersigned, datasheet is true ar	•	n to the best (of my knowledge	, that all info	mation reported o	n this UAA
Signed:	20		Date:	: <u>"V\\/65</u>	·	
Organization: Misso	uri Departme	nt of Natural I	Resources Positi	ion: <u>Stream Bi</u>	ologist	